

Q1 ~~1. (once amended)~~ A fuel additive dispensing system, comprising:

a housing, adapted to be affixed to a fuel dispenser having a fuel dispensing hose;
a hydraulic module, disposed at least partially within said housing, having a fluid input adapted to be coupled to at least one source of fuel additive and a fluid output flow adapted to be coupled to said fuel dispensing hose to introduce said additive into a stream of fuel delivered through said fuel dispensing hose;
control circuitry, coupled to said hydraulic module, for generating electrical control signals applied to said hydraulic module to cause a controlled amount of said additive to be released from said at least one source to flow through said fluid input and fluid output and into said fuel dispensing hose;

wherein said controlled amount of said additive is adjusted based upon measurements of past performance of said hydraulic module.

Q2 ~~21. (once amended)~~ A method of dispensing a fuel additive, comprising:

(a) coupling a fluid input of a hydraulic module to a source of said additive;
(b) coupling a fluid output of said hydraulic module to a fuel dispensing hose;
(c) electrical signals to said hydraulic module to cause a controlled amount of said additive to flow from said source, through said hydraulic module, and into said stream of fuel flowing through said fuel dispensing hose;

(d) obtaining measurements of performance of said hydraulic module;

wherein said controlled amount of said additive is adjusted based upon said measurements of past performance of said hydraulic module.

Q3 ~~41. (once amended)~~ A fuel additive dispensing system in accordance with any of claims 1 and 3 through 20, wherein said control circuitry is adapted to be coupled to a retail point-of-sale system including a point-of-sale server for controlling a fuel dispensing transaction.

Q4 ~~48. (once amended)~~ A method in accordance with claim 46, further comprising dispensing a predetermined amount of said additive.

IN RE: APPLICATION S.N. 09/502,899
STOUT ET AL.
RESPONSE TO APRIL 26, 2001 OFFICE ACTION

Pursuant to 37 C.F.R. § 1.121, "marked up" versions of the foregoing claims showing the amendments made thereto are reproduced on the following separate pages.